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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/579,633

05/17/2006

Steen Nielsen

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EXAMINER

IZAGUIRRE, ISMAEL

ART UNIT

PAPER NUMBER

3765

MAIL DATE

DELIVERY MODE

10/31/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/579,633

Applicant(s)

NIELSEN, STEEN

Examiner

Ismael Izaguirre

Art Unit

3765

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 4-9 and 12 is/are rejected.
- 7) ☒ Claim(s) 3, 10 and 11 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 5/17/06.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: ____.

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DETAILED ACTION

SPECIFICATION

Headings

Applicant is asked to take note the preferred arrangement and headings directed to a specification: except for the title, each of the lettered items should preferably be preceded by the headings indicated below.

- (a) Cross-Reference to Related Application(s) (if any).
- (b) Background of the Invention.
 - 1. Field of the Invention (or Technical Field).
 - 2. Description of the Related Art (or Background Information or Background Art)
- (c) Summary of the Invention (or Disclosure of Invention).
- (d) Brief Description of the Drawing(s).
- (e) Description of the Preferred Embodiment(s)
- (f) Claim(s).
- (g) Abstract of the Disclosure (or Abstract).

Providing the above would place the specification in accordance with the suggestions of those portions of MPEP §§ 601 or 608.01 concerning "proper headings".

CLAIMS

Summary

Claims 1 and 7 are the independent claims under consideration in this Office Action.

Claims 2-6 and 8-12 are the dependent claims under consideration in this Office Action.

Claim Objections

Claims 4-6 are objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim cannot depend from another multiple dependent claims. See MPEP § 608.01(n).

Claim Rejections - 35 U.S.C. § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

Claims 4 and 5 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Referring to claim 4, line 2 is unclear, there seems to be text missing between the words "each" and "their".

In claim 5, there is no proper antecedent basis in claims 1-3 for the words "the buffer storage".

Claim Rejections - 35 U.S.C. § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1,7-9 and 12 are rejected under 35 U.S.C. § 102(b) as being anticipated by McCabe (5,515,627).

McCabe teaches an apparatus for feeding a sheet or piece of cloth to a feeder and then a mangle for removing wrinkles therefrom. McCabe teaches an introduction or inlet section including first and second conveyor belts 68 and 74 for passing the article therebetween and aligning or straightening an edge of the article for feeding to a rail conveyor. The cloth is passed in between the sandwich belts and the belts move the cloth toward and edge gripper assembly 64 having two clamps 66. When the straightened edge is identified and clamped by said clamps 66, a pair of clamps 48 movable on a transverse or lateral rail system provided for providing a transfer position for the cloth as it is moved from the overlying belts to the clamps 66 and then to the clamps 48. These clamps spread the sheet and transfer this to the feeder conveyor system 22, which feeds the cloth to the mangle, which removes the wrinkles from the cloth.

Claims 1,2 and 6-9 are rejected under 35 U.S.C. § 102(b) as being anticipated by Kuipers (5,437,114)).

Kuipers teaches an apparatus for feeding a sheet or piece of cloth to a feeder and then a mangle for removing wrinkles therefrom. Kuipers teaches an introduction or inlet section at a base of a vertical column where there are provided first and second conveyor belts 5 and 6 which pass the article therebetween and align or straighten an edge of the article for feeding to a rail conveyor. The cloth is passed in between the sandwich belts and the belts move the cloth toward and edge gripper assembly 10

having at least two clamps 21. When the straightened edge is identified and clamped by said clamps 21, the pair of clamps are movable on a transverse or lateral rail system (figure 8) provided for allowing the clamped edge of the sheet to travel and be fed to a feeder of a mangle.

ALLOWABLE SUBJECT MATTER

Claims 4 and 5 would be allowable if rewritten or amended to overcome the rejection under 35 U.S.C. § 112.

Claims 3, 10 and 11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

PERTINENT CITATIONS

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Ishihara et al., Jensen, McCabe '131, Neilsen and Borucki et al. illustrate inlet portions of sheet feeders for straightening an edge of the sheets and feeding these to mangles.

INQUIRIES

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ismael Izaguirre whose telephone number is (571) 272-4987. The examiner can normally be reached on M-F (8:30-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gary Welch can be reached on (571) 272-4996. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Ismael Izaguirre
Primary Examiner
Art Unit 3765

